

Title (en)

DETECTION METHOD FOR GENE EXPRESSION

Title (de)

NACHWEISVERFAHREN FÜR DIE GENEXPRESSION

Title (fr)

PROCEDE DE DETECTION D'EXPRESSION GENIQUE

Publication

EP 1913159 A1 20080423 (EN)

Application

EP 06774225 A 20060628

Priority

- US 2006025233 W 20060628
- US 69554905 P 20050630

Abstract (en)

[origin: US2007003953A1] Provided is a novel approach for generating oligonucleotide probes and the use of these probes in gene expression profiling, by hybridization to test oligonucleotides on arrays or beads. This approach involves labeling of the complement oligonucleotide probes using a mixture of dye or hapten labeled-ddNTPs in solution. The labeled oligonucleotide probes are then used to hybridize to the test oligonucleotides on the solid support. Success in hybridization is monitored by associated signal on the solid support. This approach greatly reduces hybridization time, due to the simplification of the probe content. It is especially useful when analyzing a small number of genes, such as a signature set of genes for a disease or condition.

IPC 8 full level

C12Q 1/68 (2006.01)

CPC (source: EP US)

C12Q 1/6809 (2013.01 - EP US)

Citation (search report)

See references of WO 2007005482A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2007003953 A1 20070104; US 7914983 B2 20110329; AT E490343 T1 20101215; DE 602006018622 D1 20110113; EP 1913159 A1 20080423; EP 1913159 B1 20101201; JP 2009501005 A 20090115; JP 5058160 B2 20121024; WO 2007005482 A1 20070111

DOCDB simple family (application)

US 42739506 A 20060629; AT 06774225 T 20060628; DE 602006018622 T 20060628; EP 06774225 A 20060628; JP 2008519532 A 20060628; US 2006025233 W 20060628